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PATENT TRADEMARK OFFICE  
CUSTOMER NUMBER22859 U.S. PTO  
10/811742

032904

Sir:

Transmitted herewith for filing is the patent application of Inventor(s):  
**THOMAS RANDALL HUDSON, JR.**

For: **METHOD, DATA PROCESSING SYSTEM, AND COMPUTER PROGRAM PRODUCT  
 FOR DETERMINING INVERSION EDGES FOR A CYCLIC COMPOUND DIRECTED GRAPH**

Assignee Name: International Business Machines Corporation

Assignee Residence: Armonk, New York

Enclosed are also:

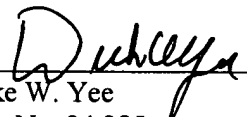
☒ 41 Pages of Specification including an Abstract  
☒ 6 Pages of Claims ( Claims 1 - 20 )  
☒ 14 Sheet(s) of formal drawings  
☒ A Declaration and Power of Attorney  
☒ Information Disclosure Statement  
☒ Form PTO 1449

## CLAIMS AS FILED

FOR	Number Filed		Number Extra		Rate		Basic Fee (\$770)
Total Claims	20	-20 =	0	X	\$ 18	=	\$0
Independent Claims	3	-3 =	0	X	\$ 86	=	\$0
Multiple Dependent Claims	0			X	\$290	=	\$0
<b>Total Filing Fee</b>							<b>= \$770</b>

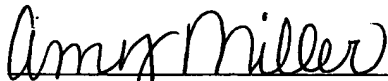
☒ Please charge \$770.00 to IBM Corporation, Deposit Account No. 09-0461.☒ The Commissioner is hereby authorized to charge payment of the following fees associated with the communication or credit any over payment to IBM Corporation, Deposit Account No. 09-0461. A duplicate copy of this sheet is enclosed.☒ Any additional filing fees required under 37 CFR § 1.16.☒ Any patent application processing fees under 37 CFR § 1.17.

Respectfully,

  
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"Express Mail" mailing label number EV333421300US. Date of deposit March 29, 2004. I hereby certify that the papers or fees listed below are being deposited with the United States Postal Service by "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.

  
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Amy Miller

ENCLOSED are the following documents, being sent by "Express Mail":

1. Transmittal Letter in duplicate;
2. Declaration and Power of Attorney ;
3. Patent Application ( 41 pgs. spec. & abstract, 6 pgs. Claims 1 - 20 );
4. 14 pages of formal drawings;
5. Information Disclosure Statement;
6. Form PTO 1449; and
7. Two return postcards.